

CD40/TNFRSF5 recombinant protein

Biotinylated Human CD40/TNFRSF5 Protein Recombinant

CATALOG #	HOST
AAA76149	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

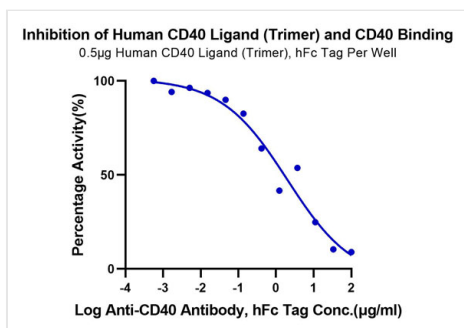
PRODUCT SYNONYMS

CD40/TNFRSF5; Biotinylated Human CD40/TNFRSF5 Protein Recombinant; CD40/TNFRSF5 recombinant protein

PRODUCT SPECIFICATIONS

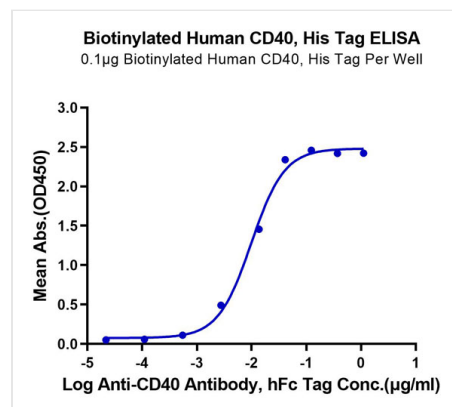
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human CD40/TNFRSF5 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human CD40/TNFRSF5 including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	Receptor
Biological Process	Immunity
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



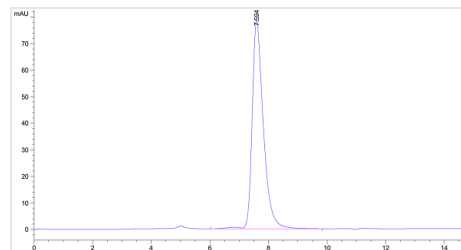
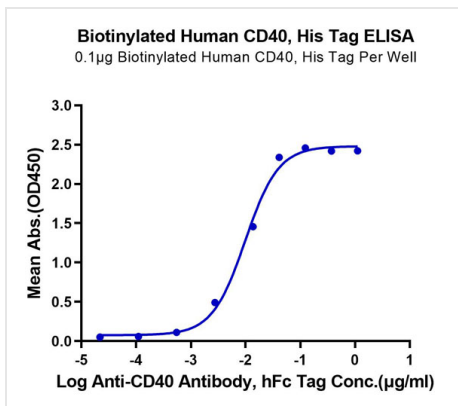
Application Data

Biotinylated Human CD40/TNFRSF5 Protein Blocking Data: Serial dilutions of Anti-CD40 Antibody were added into Biotinylated Human CD40, His Tag : Human CD40 Ligand (Trimer), hFc Tag binding reactions. The half maximal inhibitory concentration (IC50) is 2.0 µg/ml.



Application Data

Biotinylated Human CD40/TNFRSF5 Protein ELISA Data: Immobilized Biotinylated Human CD40, His Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Anti-CD40 Antibody, hFc Tag with the EC50 of 9.9 ng/ml determined by ELISA.

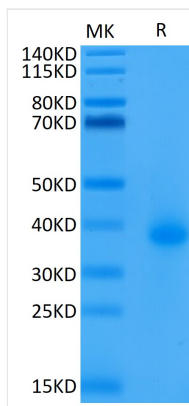


Application Data

Biotinylated Human CD40/TNFRSF5 Protein SEC-HPLC The purity of Biotinylated Human CD40 is greater than 95% as determined by SEC-HPLC.

ELISA

Biotinylated Human CD40/TNFRSF5 Protein ELISA Data Immobilized Biotinylated Human CD40, His Tag at 1?g/ml (100?l/Well) on the plate. Dose response curve for Human CD40L, hFc Tag with the EC50 of 33ng/ml determined by ELISA.



Tris-Bis-PAGE

Biotinylated Human CD40/TNFRSF5 Protein Tris-Bis PAGE Biotinylated Human CD40 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for
CD40/TNFRSF5 recombinant protein

Biotinylated proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507581
NCBI GeneID	958
NCBI Accession #	NP_001241.1
NCBI GenBank Nucleotide #	NM_001250.4
UniProt Accession #	P25942; O08863; B2RUR8; P39429; Q13114; Q60803; P29965 CD40L_HUMAN; Q12933
Molecular Weight	30,619 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 5 isoform 1
NCBI Official Synonym Full Names	CD40 molecule, TNF receptor superfamily member 5
NCBI Official Symbol	CD40
NCBI Official Synonym Symbols	p50; Bp50; CDW40; TNFRSF5

NCBI Protein Information	tumor necrosis factor receptor superfamily member 5; CD40L receptor; CD40 type II isoform; B cell-associated molecule; B cell surface antigen CD40; B-cell surface antigen CD40; CD40 antigen (TNF receptor superfamily member 5); tumor necrosis factor recept
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 5
UniProt Gene Name	CD40
UniProt Synonym Gene Names	TNFRSF5
UniProt Entry Name	TNR5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cd40-recombinant-protein-hek293-cells/76149>